

Converting Colors

XYZ(27.3317, 24.0932, 21.4462)

Have a look what the booklet for
XYZ(27.3317, 24.0932, 21.4462)
contains.

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Color

**XYZ(27.2053, 23.9575,
21.2795)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7A79
RGB	171, 122, 121
RGB Percent	67%, 48%, 47%
CMY	0.3294, 0.5216, 0.5255
CMYK	0.00, 0.29, 0.29, 0.33
HSL	1°, 23%, 57%
HSV	1°, 29%, 67%
XYZ	27.2053, 23.9575, 21.2795
YIQ	136.5370, 29.5250, 10.0770

Conversions

Conversions Part 2

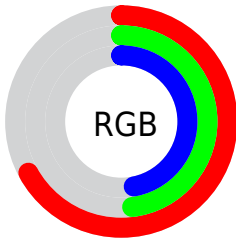
Format	Color
R_{YB}	171, 122, 121
Decimal	11238009
CIE _{Lab}	56.05, 18.98, 8.15
CIE _{LCh}	56, 20.652, 23.249
Yxy	23.9575, 0.3755, 0.3307
Android (android.graphics.Color)	4289428089 (0xFFAB7A79)
YUV	136.5370, -7.6597, 30.2241
Hunter-Lab	48.9464, 13.5574, 8.4861

Details

The XYZ color **27.2053, 23.9575, 21.2795** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.6100, 35.7533, 43.8686**, and the grayscale version is **23.6240, 24.8543, 27.0663**.

A 20% lighter version of the original color is **54.5514, 50.0080, 46.3125**, and **10.9213, 9.0280, 7.4703** is the 20% darker color. If you saturate the color by 10%, you get **24.3651, 19.8091, 15.6097**, and if you desaturate by 10%, it is **30.5874, 28.8920, 28.0476**.

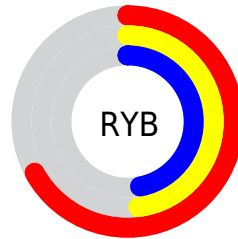
Distribution



Red (67%)

Green (48%)

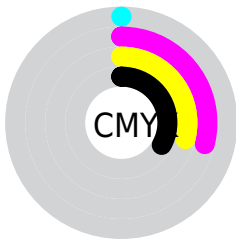
Blue (47%)



Red (67%)

Yellow (48%)

Blue (47%)

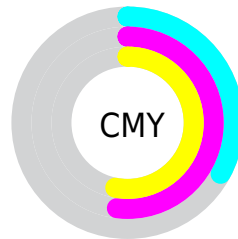


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (33%)



Cyan (33%)

Magenta (52%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2053, 23.9575, 21.2795 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 27.2053, 23.9575, 21.2795 by changing the saturation by 10% instead.

■ 27.2053, 23.9575,
21.2795

■ 27.2053, 23.9575,
21.2795

280.7992,
272.6055, 271.5898

■ 17.8649, 15.3021,
13.1352

■ 54.6307, 49.9608,
46.4391

■ 10.9521, 9.0317,
7.3899

■ 73.4464, 68.0776,
64.2914

■ 6.1017, 4.7619,
3.6250

■ 96.1511, 90.1168,
86.2169

■ 2.9483, 2.1082,
1.4220

123.1104,
116.4631, 112.6340

■ 1.1265, 0.6692,
0.1588

154.6895,
147.5007, 143.9613

■ 0.0471, 0.0000,
0.0000

191.2537,

■ 0.0000, 0.0000,

183.6140, 180.6174

0.0000

233.1685,
225.1875, 223.0207

■ 27.2053, 23.9575,
21.2795

■ 27.2053, 23.9575,
21.2795

■ 24.3651, 19.8091,
15.6097

■ 30.5874, 28.8920,
28.0476

■ 22.0370, 16.4032,
10.9789

■ 34.5356, 34.6467,
35.9661

■ 20.1909, 13.6968,
7.3245

■ 39.0748, 41.2578,
45.0855

■ 18.7932, 11.6416,
4.5767

■ 44.2278, 48.7582,
55.4528

■ 17.8057, 10.1827,
2.6564

■ 50.0165, 57.1792,
67.1126

■ 17.1839, 9.2565,
1.4706

■ 56.4613, 66.5506,
80.1072

■ 16.8528, 8.7630,
0.8405

■ 63.5820, 76.9006,
94.4772

■ 16.8319, 8.7325,
0.7984

■ 70.6046, 87.3979,
107.7560

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



27.5870, 23.9575, 27.6452



27.2053, 23.9575, 21.2795



25.5988, 23.9575, 16.9877

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.2053, 23.9575, 21.2795



19.3213, 23.9575, 19.0494



22.2410, 23.9575, 41.2572

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



27.2053, 23.9575, 21.2795



29.6100, 35.7533, 43.8686

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



20.1593, 23.9575, 37.9611



27.2053, 23.9575, 21.2795



18.5507, 23.9575, 24.5859

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



27.2053, 23.9575, 21.2795



21.0243, 23.9575, 15.8643



18.8466, 23.9575, 31.5659



24.6117, 23.9575, 39.9593

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



27.2053, 23.9575, 21.2795



24.1055, 23.9575, 15.5050



18.8466, 23.9575, 31.5659



21.4865, 23.9575, 40.6333

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



27.2059, 23.9586, 21.2800



61.9125, 62.1393, 64.5358



30.9036, 25.2415, 41.3563



13.5683, 13.5099, 13.9131



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.2059, 23.9586, 21.2800



45.3700, 38.0100, 31.4122



30.6537, 30.8542, 22.4292



8.0177, 8.0401, 8.3427



12.6934, 6.5924, 0.6034



0.3572, 0.1916, 0.0181

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



29.6100, 35.7533, 43.8686



50.3714, 62.5528, 78.4209



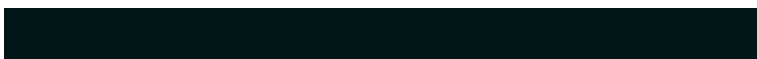
25.3869, 27.3072, 42.4609



8.2223, 9.0441, 10.2650



16.0420, 23.2178, 32.6805



0.4505, 0.6544, 0.9105

Previews

White Background



This preview shows how the XYZ color 27.2053, 23.9575, 21.2795 looks on a white background.

Color Contrast Check

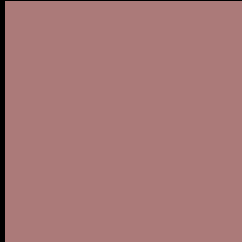
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 27.2053, 23.9575, 21.2795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

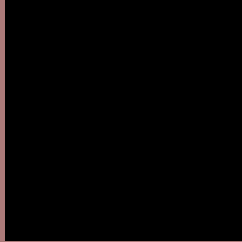
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2053, 23.9575, 21.2795

Background



This preview shows how black text looks on a background with the XYZ color 27.2053, 23.9575, 21.2795.



This preview shows how white text looks on a background with the XYZ color 27.2053, 23.9575,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

27.2053, 23.9575, 21.2795

Protanopia

23.0033, 24.0715, 23.5125

Deuteranopia

24.5097, 24.0936, 21.1280



Tritanopia

27.8799, 24.0571, 24.2931

Trichromacy



Original Color

27.2053, 23.9575, 21.2795

Protanomaly

24.4468, 24.0252, 22.7509

Deuteranomaly

25.4767, 24.0084, 21.0606

Tritanomaly

27.6814, 23.9777, 23.2479

Monochromacy



Original Color

27.2053, 23.9575, 21.2795

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.7424, 24.5308, 24.9036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2053, 23.9575, 21.2795 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(171, 122, 121)` looks like.

```
.text, #text, p{  
    color:rgb(171, 122, 121)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(171, 122, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 122, 121) }
```

Border

The CSS property to change the border of an element to XYZ 27.2053, 23.9575, 21.2795 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 122, 121) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(171, 122, 121) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(171, 122, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 122, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 122, 121);  
box-shadow:4px 4px 4px 4px rgb(171, 122,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2053, 23.9575, 21.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 122, 121) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(171,  
122, 121) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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